FEDERAL-STATE-PRIVATE
COOPERATIVE SNOW SURVEYS

WATER SUPPLY OUTLOOK FOR UTAH

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah State University, U.S. National Park Service, U.S. Geological Survey, and other Federal, State, and private organizations.

AS OF
FEB. 1, 1971

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbis Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

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and

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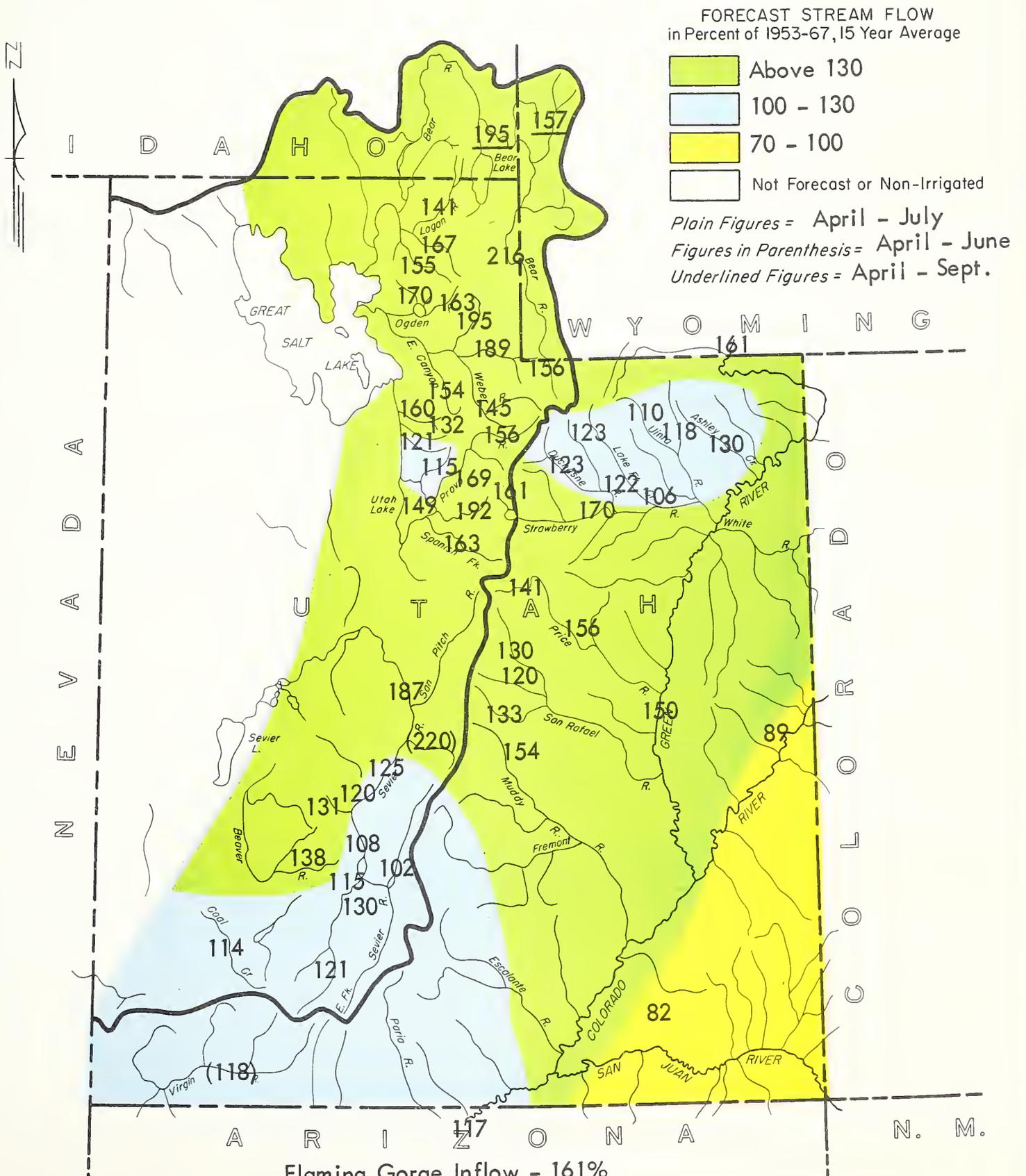
PROSPECTIVE WATER SUPPLIES

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

February 1, 1971
Approximate Date

50 0 50 100
SCALE IN MILES



Flaming Gorge Inflow - 161%
San Juan at Bluff - 82%
Lake Powell Inflow - 117%

WATER SUPPLY OUTLOOK

as of

FEBRUARY 5, 1971

** **
* Utah's 1971 Water Supply Outlook varies from "near average" *
* on the Sevier and Virgin Rivers to "much above average" on *
* streams in Northern Utah. February 1, snow cover is "near *
* average" in Southern Utah and almost twice average from *
* about Salt Lake on North. Reservoir storage is 145% of the *
* February 1 average as a result of good carry-over on most *
* reservoirs. *
* *

NORTHERN UTAH

The Water Supply Outlook for northern Utah is excellent again this year.

January precipitation from about Salt Lake north into Idaho was well above average with many stations reporting better than 200% of average for the month.

Warm temperatures during the last half of the month melted valley and intermediate elevation snow cover, but high elevation snow courses in this part of the state showed above average gain in water content for the month. February 1, snow cover ranges from near average on the American Fork River to 180% on the Logan, Farmington Creek and Smith's Fork on the Bear River. Ogden River has 172%, Weber River 157%, and Parleys and Big Cottonwood Creeks about 148% of the average snow water content for February 1. Provo River had 147%, Spanish Fork and Strawberry Valley 146% of average snow cover.

Reservoirs in northern Utah are all well above average except Pineview which was drawn down to allow work in the reservoir area. Hyrum and Porcupine Reservoirs now have 10,700 and 4,800 acre feet of storage. Last year they held 10,500 and 2,500 acre feet on February 1. Bear Lake held 1,098,700 acre feet on February 1. Weber River reservoirs - Rockport, Echo, East Canyon and Lost Creek now hold 138,600 acre feet. These reservoirs have 64,300 acre feet of useable storage space remaining to be filled with spring runoff.

Deer Creek now holds 99,000 acre feet in storage, 112% average and Strawberry 187,800 acre feet (160%). Utah Lake is 0.8 foot below compromise and has 815,400 acre feet in storage. The lake is expected to reach compromise level about late March.

WATER SUPPLY OUTLOOK (continued)

EASTERN UTAH

Water supplies in eastern Utah as of February 1, are expected to be good to excellent for the coming season, with good snow cover and excellent reservoir carry-over.

Snow cover remains well above the February 1 average except for the upper Escalante and part of the East Fork of the Sevier in the Widtsoe area, which ranges from 96% to 100% of the 1953-67 long term average. The high Uintas range from 157% at the headwaters of the Duchesne, and Bear River on the north slope to 124% at Lake Fork Creek to 134% in Ashley Creek. The Price and San Rafael River are 138 and 121% respectively. The snow cover on the headwaters of the Muddy and Escalante Rivers is excellent with 165% of their average February 1 snow cover. In general the snow cover looks good, ranging from good to excellent for the eastern section of Utah in spite of the warm spring like January which just occurred.

Reservoir storage is well above average except for Moon Lake (10,000 A.F.) which as of February 1 was only 76% of its 1953-67 average. All other reservoirs range from 140% (Steinaker nr Vernal, 21,890 A.F.) to Scofield Reservoir with 202% (41,200 A.F.) and Strawberry at 160% (187,800 A.F.). The two new reservoirs - Starvation by Duchesne and Joe's Valley by Orangeville are beginning to fill due to the warm spring like weather during January. Flaming Gorge now holds 1,777,000 A.F. as to 1,516,000 A.F. as of February 1, 1970, and with good snow cover along the north slope of the Uintas and a 161% Flaming Gorge inflow forecast, the elevation and storage should increase to previous levels or above.

Generally the Oct-Jan. precipitation ranges above average from the San Rafael north and slightly below average south of the San Rafael. This parallels the snow cover pack for this eastern area.

Streamflow forecasts range from 106% for Lakefork below Moon Lake on Lakefork Creek to 170% for Strawberry at Duchesne on the Strawberry River. The south slope of the high Uintas ranges from 110% (Uinta at Neola) to 142% (Duchesne at Randlett). On the Price River, Scofield Reservoir inflow looks excellent with 141% of its 1953-67 average inflow. Also the San Rafael and Muddy Rivers look good, averaging 128% and 154%, respectively. Flaming Gorge inflow is expected to flow 161% of average (1,700,000 A.F.). It looks like a good April-July streamflow run-off if average or above conditions prevail with good to excellent prospects of additional filling for Flaming Gorge, Starvation, Strawberry and Joe's Valley Reservoirs.

Water supplies are expected to be good to excellent and should meet demands in eastern Utah if average conditions prevail through the remainder of the winter season.

WATER SUPPLY OUTLOOK (continued)

CENTRAL AND SOUTHERN UTAH

The Water Supply Outlook for Central and Southern Utah ranges from "near average" on the East Fork of Sevier to "much above" average on Salina Creek. Snow cover varies from 96% on the head of the Escalante River to 188% of February 1 average on Salina Creek. Reservoir storage totals better than twice average and streamflow forecasts range from 90% of average on Antimony Creek to 220% on Salina Creek for the April-July period.

Precipitation was generally very light during January and warm temperatures during the last half of the month melted valley and intermediate elevation snow. Snow cover on higher snow courses where the major portion of spring and summer streamflow is produced still show average or better snow water contents.

The East Fork of the Sevier averages 100% of the February 1 snow cover and the Sevier above Panguitch 129%. The Virgin is also 129% of average and Coal Creek 123%. Beaver River is 137% of the February 1 average and Clear Creek 113%. Chalk Creek near Fillmore is 151% and Salina Creek 188% of the average for February 1.

Reservoir storage is well above average on the Sevier. Otter Creek holds 41,900 acre feet (220%), Piute 41,600 acre feet (140%) and Sevier Bridge 197,600 acre feet (298%). Minersville held 15,000 acre feet (168%) on February 1.

Streamflow forecasts for this area of the State range from 90% of average on Antimony Creek to 220% on Salina Creek. The Sevier is expected to flow 40,000 acre feet (121%) at Hatch, 32,000 acre feet (120%) at Circleville, 17,700 acre feet (115%) at Kingston during the April-July period. The inflow between Kingston and Vermillion Dam is expected to be 36,000 acre feet (120%) during April-June and Vermillion Dam to Gunnison 56,000 acre feet (135%) March-June. The Sevier at Gunnison is expected to flow 58,000 acre feet (187%) during the April-July period. The October-March inflow to Sevier Bridge is expected to total 95,000 to 115,000 acre feet this year as a result of good fall and winter flow again this year. The San Pitch River is adding a good flow to the Sevier at Gunnison for the third year in a row.

Beaver River is expected to flow 26,000 acre feet (138%) for the April-July period. Coal Creek 15,700 acre feet (114%) and Minersville Reservoir inflow is expected to be 5,500 acre feet (117%) for the April-June period. Chalk Creek near Fillmore is forecast to flow 16,600 acre feet (126%) and Clear Creek 16,400 acre feet (131%) during the April-July period.

Streamflow forecasts in northern Utah range from 115% of average on the American Fork River to about 260% on the Bear near Randolph for the April-July period.

WATER SUPPLY OUTLOOK (continued)

Logan River is expected to flow 140,000 acre feet (141%), Blacksmith Fork 70,000 acre feet (167%) and Little Bear 65,000 (155%). Bear River near Utah-Wyoming line is forecast to flow 165,000 acre feet (156%) during the April-July period.

April through June forecasts for the inflow to Pineview Reservoir and South Fork of the Ogden River are 153,000 acre feet (170%) and 75,000 acre feet (163%) respectively. The Weber is forecast 135,000 acre feet (145%) at Oakley, 161,000 acre feet (158%) for Rockport Reservoir inflow and 162,000 acre feet (162%) at Coalville for the April-June period.

Chalk Creek is expected to flow 49,000 acre feet (189%) and Lost Creek 22,000 acre feet (195%). East Canyon is forecast to flow 26,000 acre feet 151%) for the April-June period.

Parleys Creek is forecast to flow 15,000 acre feet (160%), Big Cottonwood 45,000 acre feet (132%), Little Cottonwood 40,000 acre feet (121%) and Farmington Creek 10,900 acre feet (160%) during the April-July period.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average+
	GREAT BASIN				
Bear River	Bear Lake	1421.0	1098.7	1121.0	854.0
	Woodruff Narrows	26.5	25.5	18.7	- -
Beaver River	Minersville(Rky Fd)	23.3	15.0	20.0*	8.9
Little Bear	Hyrum	15.3	10.7	10.5	10.2
	Porcupine	11.3	4.8	2.5	- -
Ogden	Causey	7.1	5.7	1.0	- -
	Pineview	110.1	16.9	60.3	26.1
Provo	Deer Creek	149.7	99.0	90.8	88.3
Sevier River	Gunnison	18.2	17.3	16.8	- -
	Otter Creek	52.5	41.9	52.4	19.0
	Piute	71.8	41.6	63.6	29.6
	Sevier Bridge	236.0	197.6	192.9	66.2
Spanish Fork	Strawberry	270.0	187.8	190.8	117.6
Utah Lake	Utah Lake	883.9	815.4	844.2	518.9
Weber	East Canyon	48.1	39.5	36.9	- -
	Echo	73.9	62.2	49.1	31.7
	Lost Creek	20.0	13.4	13.1	- -
	Rockport	60.9	23.5	22.2	25.2b
	Willard Bay	193.3	175.4	98.7	- -
	COLORADO RIVER DRAINAGE				
Ashley Creek	Steinaker	33.3	21.9	22.1	15.6b
Colorado	Blue Mesa	829.5	540.5	589.7	- -
	Lake Powell	25002.0	12228.0	9375.0	5161.7b
Green	Flaming Gorge	3749.0	1777.0	1516.0	1299.0b
Lake Fork	Moon Lake	35.8	10.8	12.1	14.2
Price River	Scofield	65.8	41.2	49.6	20.4
San Rafael	Joe's Valley	54.6	38.6	42.5	- -
San Juan	Navajo	1696.4	937.6	1012.3	284.0b
Strawberry	Starvation	165.3	114.4	26.4	- -

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	THIS YEAR FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
BEAR RIVER SYSTEM					
Bear at Harer, Idaho	440	195	Apr-Sept		226
Bear nr Randolph	190	260	Apr-July		73
Bear nr Ut-Wyo State Line	165	156	Apr-July		106
Bear nr Woodruff	225	216	Apr-July		104
Big Crk nr Randolph, Utah	9.5	198	Apr-July		4.8
Blacksmith Fork nr Hyrum	70	167	Apr-July		42
Little Bear nr Paradise	65	155	Apr-June		42
Logan nr Logan (1)	140	141	Apr-July		99
Smith's Fork nr Border, Wyoming	170	157	Apr-Sept		108
Woodruff Crk nr Woodruff, Utah	26	193	Apr-July		13.5
WEBER-OGDEN RIVERS					
Chalk Crk at Coalville	49	189	Apr-June		26
East Canyon Crk nr Morgan (2)	26	151	Apr-June	28	17.2
Hardscrabble Crk nr Porterville	21	156	Apr-June	34	13.5
Lost Crk nr Croydon, Utah	22	195	Apr-June		11.6
Pineview Reservoir Inflow (3)	153	170	Apr-June	105	90
South Fork Ogden nr Huntsville	75	163	Apr-June		46
Rockport Reservoir Inflow (4)	161	158	Apr-June	115	110
Weber nr Coalville (5)	162	162	Apr-June		100
Weber nr Oakley	135	145	Apr-June	111	93
PROVO RIVER & UTAH LAKE					
American Fork nr American Fork	30	115	Apr-July	26	26
Hobble Crk nr Springville	25	192	Apr-July		13.0
Provo nr Hailstone (6)	136	156	Apr-July		87
Provo below Deer Crk Dam (7)	162	169	Apr-July		96
Spanish Fork at Thistle	44	163	Apr-July		27
Strawberry Reservoir Inflow (8)	66	161	Apr-July	35	41
Utah Lake Inflow	290	149	Apr-July		195
JORDAN RIVER & SALT LAKE					
Big Cottonwood nr SLC	45	132	Apr-July	38	34
Farmington Crk nr Farmington	10.9	160	Apr-July		6.8
Little Cottonwood Crk nr SLC	40	121	Apr-July	37	33
Parley's Crk nr SLC	15.0	160	Apr-July	13.2	9.4

FOOTNOTES - See last page

STREAMFLOW FORECASTS

BASIN STREAM and or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Chalk Creek nr Fillmore	16.6	126	Apr-July		13.2
Clear Crk nr Sevier (Above Div.)	16.4	131	Apr-July		12.5 b
East Fork Sevier nr Kingston (9)	12.0	102	Apr-July		11.7
Antimony Crk nr Antimony	7.0	90	Apr-July		7.8 b
Inflow					
Kingston to Vermillion Dam	36	120	Apr-June		30 b
Vermillion Dam to Gunnison	56	125	Mar-June		45 b
Salina Crk at Salina (10)	13.0	220	Apr-June		5.9 *
Sevier nr Circleville	32	120	Apr-July		27
Sevier nr Gunnison	58	187	Apr-July	68	31 b
Sevier at Hatch	40	121	Apr-July	22	33
Sevier nr Kingston	17.7	115	Apr-July	6.7	15.4
Sevier below Piute Dam (11)	30	103	Apr-July		29
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	20	144	Apr-July		13.9 b
Pleasant Crk nr Mt. Pleasant	11.0	141	Apr-July		7.8 b
BEAVER RIVER					
Beaver nr Beaver	26	138	Apr-July	23	18.9
Minersville Reservoir Inflow (12)	5.5	117	Apr-June		4.7
COAL CREEK					
Coal Crk nr Cedar City	15.7	114	Apr-July		13.8
COLORADO RIVER BASIN					
Green River Tributaries in Utah					
FLAMING GORGE TO DUCHESNE RIVER					
Ashley Creek nr Vernal	57	130	Apr-July		44
Henry's Fork at Linwood	50	131	Apr-Sept		38

FOOTNOTES - See last page

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona (13)	116	123	Apr-July		94
Duchesne at Duchesne (13)	204	122	Apr-July		167
Duchesne at Myton (16)	320	132	Apr-July		243
Duchesne at Randlett (16)	372	142	Apr-July		262
Strawberry at Duchesne	83	170	Apr-July		49
Rock Crk nr Mtn. Home	108	123	Apr-July		88
Lakefork below Moon Lake (14)	70	106	Apr-July	51	66
Yellowstone nr Altonah	74	125	Apr-July		59
Uinta nr Neola	87	110	Apr-July		79
Whiterocks nr Whiterock	60	118	Apr-July	55	51
PRICE RIVER					
Gooseberry Crk nr Scofield	12.8	128	Apr-July		10.0
Price nr Heiner (15)	84	156	Apr-July		54
Scofield Reservoir Inflow (15)	45	141	Apr-July		32
SAN RAFAEL RIVER					
Cottonwood Crk nr Orangeville	53	120	Apr-July		44
Ferron Crk nr Ferron	44	133	Apr-July		33
Huntington Crk nr Huntington	55	130	Apr-July		42
MUDDY RIVER					
Muddy Creek nr Emery	25	154	Apr-July		16.2 b
VIRGIN RIVER					
Virgin nr Virgin	45	118	Apr-June	21	38
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah (15)	2507	89	Apr-July	4066	2802
Flaming Gorge Inflow (3)	1700	161	Apr-July	985	1054
Lake Powell Inflow (3)	7610	117	Apr-July	8220	6527
Green at Green River, Utah (15)	3860	150	Apr-July	2970	2574
San Juan nr Bluff, Utah (15)	730	82	Apr-July	698	890
Navajo Reservoir Inflow	500	80	Apr-July	446	619

FOOTNOTES - See last page

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
NORTHERN UTAH		
Big Creek near Randolph	80 - 120	43
Big Cottonwood Creek near SLC	450 - 600	310
Hobble Creek near Springville	190 - 450	180
Spanish Fork near Thistle	310 - 795	307
So. Fork Ogden River nr Huntsville	775 - 1025	643
EASTERN UTAH		
Ferron Creek near Ferron	485 - 795	414
Muddy Creek near Emery	170 - 300	142
Strawberry River at Duchesne	900 - 1200	558
SOUTHERN and CENTRAL UTAH		
Beaver River near Beaver	200 - 350	215
Clear Creek near Sevier	160 - 180	156b
Coal Creek near Cedar City	250 - 350	217
Salina Creek near Salina	260 - 320	133*
Sevier River at Hatch	330 - 575	370
Sevier River at Circleville	270 - 480	292
Sevier River at Kingston	300 - 390	223
Virgin River at Virgin	620 - 1000	557

*Highly abnormal weather during the critical melting period may cause the peak to be outside the indicated range.

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Clear Creek nr Sevier (above Div.)	5	July 25	July 19
Salina Creek at Salina	25	June 15	June 10
Sevier at Circleville(Circle Valley)	90	June 23	June 24
Sevier at Hatch (upper)	100	July 11	July 10

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period+	Forecast Period
Sevier River			
Below Vermillion Dam	63	58	Apr-Sept
Circle Valley	75	66	Apr-Sept
Panguitch Valley	85	84	Apr-Sept
Sevier Valley	40	40	Apr-Sept

OTHER SPECIAL FORECASTS

Below Vermillion - Flow above 360 second feet should total about 3500 - 4500 acre feet this season.

Inflow to Sevier Bridge Reservoir from October 1 to March 31 is expected to be 95,000 - 115,000 acre feet.

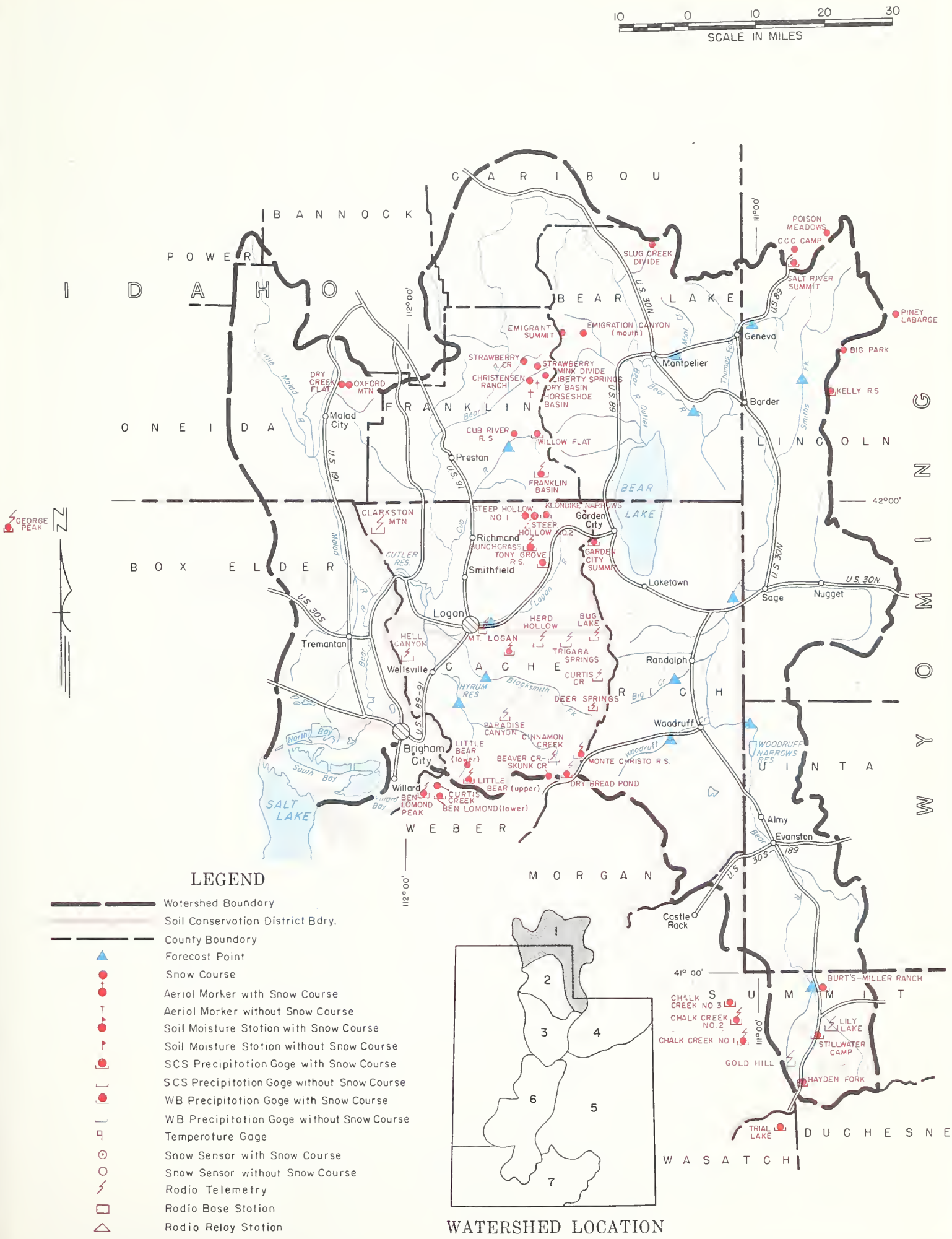
SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF:	
		Last Year	Average
BEAR RIVER			
Bear River So. of Evanston, Wyo.	2	155	168
Blacksmith Fork - Little Bear River	4	173	181
Cub River (Idaho)	1	174	180
Emigration Creek (Idaho)	2	139	194
Logan River	5	166	180
Malad River	2	134	199
Smith's Fork of Bear River (Wyo.)	5	160	179
Strawberry-Mink Creeks	3	150	182
WEBER-OGDEN RIVERS			
Chalk Creek Above Coalville	2	124	145
East Canyon Creek	2	121	150
Farmington Creek	2	126	180
Ogden River	5	159	172
Weber River Above Coalville	6	131	157
UTAH LAKE, JORDAN RIVER & TOOELE VALLEY WATERSHEDS			
American Fork River	2	131	101
Hobble Creek	-	- -	- -
Mt. Nebo Area	2	100	128
Provo River above Deer Creek Dam	5	150	141
Salt Lake Area	3	117	148
Spanish Fork River	4	112	132
Strawberry Reservoir Valley	3	134	146
Tooele Area	1	126	148
SEVIER RIVER			
Beaver River	3	108	137
Chalk Creek near Fillmore	1	109	151
Chicken Creek near Levan	-	- -	- -
Clear Creek above Sevier	1	96	113
East Fork Sevier River	4	184	100
Ephraim Creek	2	114	147
Manti Creek	-	- -	- -
Mt. Pleasant Area	2	112	140
Salina Creek	2	120	188
Sevier River above Panguitch	3	382	129
Twelve Mile Creek near Mayfield	-	- -	- -

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF:	
		Last Year	Average
UINTAH BASIN & NORTH SLOPE UINTAH MOUNTAINS			
Ashley-Brush Creeks	2	183	134
Black's Fork & Smith's Fork Rivers	-	- -	- -
Duchesne River above Tabiona	3	156	157
Henry's Fork River & Sheep Creek	-	- -	- -
Lakefork River	2	174	124
Strawberry River	3	146	130
Uintah-Whiterocks Rivers	3	171	138
CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES			
Blue Mountains near Monticello	-	- -	- -
Fremont River	1	99	165
LaSal Mountains near Moab	-	- -	- -
Muddy River	-	- -	- -
Price River	4	119	138
San Rafael River	6	92	121
EAST GARFIELD, KANE, WASHINGTON & IRON COUNTIES			
Coal Creek near Cedar City	3	227	123
Escalante River	3	154	96
New Harmony to Newcastle	-	- -	- -
Paria River	-	- -	- -
Parowan Creek	1	237	116
Virgin River	4	328	129

BEAR RIVER BASIN



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aeriol Marker with Snow Course
- Aeriol Marker without Snow Course
- Soil Moisture Stotion with Snow Course
- Soil Moisture Stotion without Snow Course
- SCS Precipitotion Goge with Snow Course
- SCS Precipitotion Goge without Snow Course
- WB Precipitotion Goge with Snow Course
- WB Precipitotion Goge without Snow Course
- Temperoture Gage
- Snow Sensor with Snow Course
- Snow Sensor without Snow Course
- Rodio Telemetry
- Rodio Bose Stotion
- Rodio Reloy Stotion

WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7P	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H14M	U	Beaver Creek-Skunk Creek x	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33P	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond x	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MP	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

BEAR RIVER BASIN

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average †
UPPER BEAR RIVER (Above Harer, Idaho)						
Big Park	8700	1/28	70	21.4	13.9	12.4*
CCC Camp	7500	2/1	46	14.1	8.6	7.5
Chalk Creek #2 x	7900	1/27	41	12.2	9.7	8.4b
Chalk Creek #3 x	7500	1/27	24	6.6	5.5	4.6b
Monte Cristo R.S.	8960	1/29	79	29.3	15.2	16.0b
Piney-LaBarge #2	8820	1/29	76	24.8	15.6	14.6b
Salt River Summit x	7900	1/29	62	19.1	11.3	9.7
Smith & Morehouse x	7600	1/28	36	10.5	8.0	7.4b
Trial Lake x	9800	1/29	76	26.8	16.0	14.8b
Chalk Creek #1	9100	1/27	64	23.0	- -	- -
Kelly Ranger Station	8200	1/28	63	18.9	12.0	10.6*
LOWER BEAR RIVER (Below Harer, Idaho)						
Beaver Crk-Skunk Crk. x	7150	1/29	33	11.9	7.0	7.2
Christensen Ranch	5600	1/27	35	9.1	5.1	--
Cub River R. S.	5400	1/28	34	9.0	6.4	--
Dry Bread Pond x	8230	1/29	55	20.2	11.3	10.3
Dry Creek Flat	6350	1/25	31	10.0	6.0	4.5*
Emigrant Summit	7350	1/29	79	27.4	19.4	14.2*
Garden City Summit	7600	1/25	61	19.0	13.0	10.8
Klondike Narrows	7400	1/25	71	22.8	12.6	12.3b
Liberty Springs A	8420	1/30	131	45.5	25.2	--
Monte Cristo R. S.	8960	1/29	79	29.3	15.2	16.0b
Oxford Mountain	6800	1/25	34	10.1	9.0	5.6*
Steep Hollow #1	8500	1/25	112	40.8	23.9	22.6b
Steep Hollow #2	7700	1/25	82	28.6	17.4	17.0b
Strawberry Creek	5800	1/27	40	11.1	6.1	6.9*
Strawberry Mink Divide	6800	1/27	71	23.5	15.8	13.0*
Tony Grove R. S.	6250	1/25	47	14.2	8.7	7.1
Willow Flat	6100	1/28	53	16.9	9.7	9.4*
Emigration Canyon(mouth)	6500	1/29	38	12.6	9.5	6.4*
Dry Basin A	7900	1/30	94	32.6	22.3	- -
Horseshoe Basin A	8000	1/30	85	29.5	16.0	- -

FOOTNOTES - See last page

PRECIPITATION (Inches)

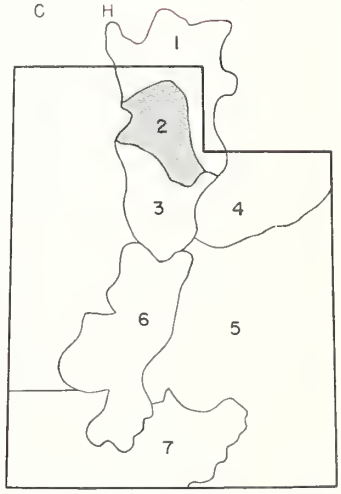
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
BEAR RIVER							
Chalk Creek #2 x 4	7900	2/1	3.52	3.02b	- -	8.80*	- -
Chalk Creek #3 x	7500	1/27	2.11*	1.82b	12.87*	8.37b	154
Dry Bread Pond	8230	1/29	7.90	4.47*	27.07	11.75*	230
Garden City Summit	7600	1/25	7.92	3.22b	21.29	11.52*	185
Klondike Narrows 4	7400	2/1	13.87	5.24*	- -	14.15*	- -
Monte Cristo #2 4	8960	1/29	8.49	4.94b	30.60	14.74b	208
Sagebrush Flat x	6300	1/29	4.34*	2.48b	15.35*	8.28b	185
Salt River Summit	7900	1/29	5.70	3.51b	20.55	9.47*	217
Tony Grove R. S. (SCS)	6250	- -	- -	2.40b	- -	13.70b	- -
Trial Lake x	9800	1/29	6.85	4.47b	25.38	12.89*	197
Willow Flat	6100	1/28	9.70	4.72	25.07	12.80	215
Chalk Creek #1 x 4	9100	2/1	6.36	- -	- -	- -	- -

FOOTNOTES - See last page

WEBER - OGDEN WATERSHEDS

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker with Snow Course
- Aerial Marker without Snow Course
- Soil Moisture Station with Snow Course
- Soil Moisture Station without Snow Course
- SCS Precipitation Gage with Snow Course
- SCS Precipitation Gage without Snow Course
- WB Precipitation Gage with Snow Course
- WB Precipitation Gage without Snow Course
- Temperature Gage
- Snow Sensor with Snow Course
- Snow Sensor without Snow Course
- Radio Telemetry
- Radio Base Station
- Radio Relay Station



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8P *	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S. x	4	8N	4E	8,960
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1P	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11PTS*	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21PT	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15PTS*	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

WEBER-OGDEN WATERSHEDS

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
					Water Content (inches)	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average †
OGDEN RIVER						
Beaver Crk.-Skunk Crk.	7150	1/29	33	11.9	7.0	7.2
Ben Lomond (lower)	6000	1/28	40	14.6	9.9	8.7b
Ben Lomond Peak	8000	1/28	83	31.5	24.0	20.1b
Ben Lomond Trail	6000	1/28	49	16.5	10.8	9.1b
Cutler Creek	6780	1/28	68	23.7	16.4	15.6b
Dry Bread Pond	8230	1/29	55	20.2	11.3	10.3
Monte Cristo R. S.	8960	1/29	79	29.3	15.2	16.0b
Sagebrush Flat	6300	1/29	17	6.1	3.9	3.6
WEBER RIVER						
Beaver Creek R. S.	7500	1/29	27	7.3	5.5	5.2b
Chalk Creek #2	7900	1/27	41	12.2	9.7	8.4b
Chalk Creek #3	7500	1/27	24	6.6	5.5	4.6b
Farmington Canyon (l) x	6950	1/29	51	19.9	16.1	12.0b
Farmington Canyon (u) x	8000	1/29	71	28.6	22.3	15.0b
Lamb's Canyon x	6600	1/29	38	13.8	12.9	8.6
Parley's Canyon Smt.	7500	1/28	44	15.7	14.2	10.5
Silver Lake (Brighton) x	8725	1/29	50	22.0	16.8	14.7
Smith & Morehouse	7600	1/28	36	10.5	8.0	7.4b
Soapstone R. S. x	7800	1/29	38	10.3	8.8	7.7b
Trial Lake x	9800	1/29	76	26.8	16.0	14.8b
Horse Ridge	8260	Survey Delayed			15.6	--
Kilfore Creek	7300	Survey Delayed			8.8	--
Chalk Creek #1	9100	1/27	64	23.0	- -	- -

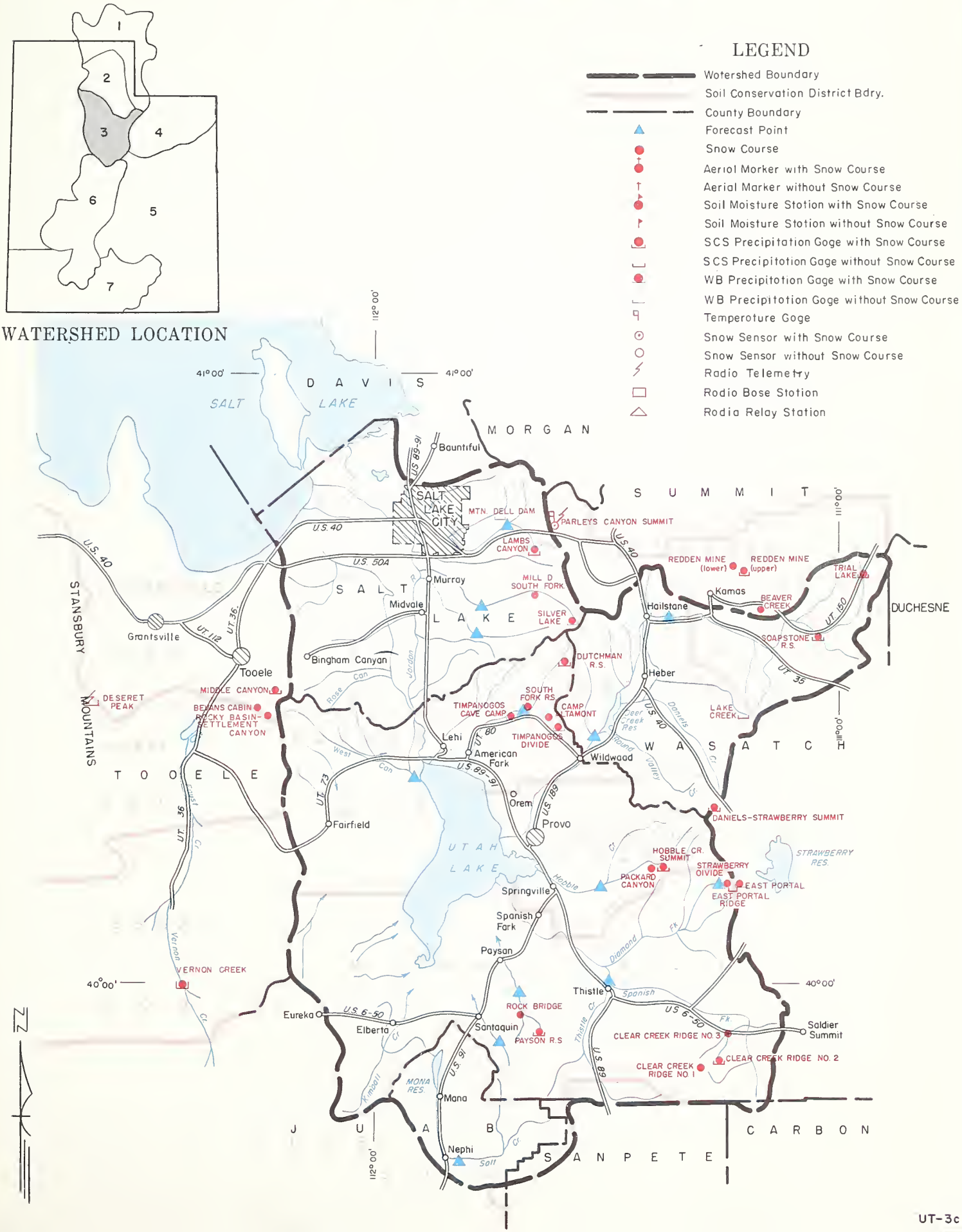
FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
OGDEN RIVER							
Ben Lomond (lower)	6000	1/28	7.26	4.39b	26.68	15.46*	172
Ben Lomond Trail	6000	1/28	9.64	4.41b	29.41	17.07*	172
Causey Dam	5500	1/29	3.36*	1.92b	12.15	- -	- -
Dry Bread Pond 4	8230	1/29	7.90	4.47*	27.07	11.75*	230
Monte Cristo #2 x	8960	1/29	8.49	4.94b	30.60	14.74b	208
Sagebrush Flat	6300	1/29	4.34*	2.48b	15.35	8.28b	185
WEBER RIVER							
Chalk Creek #2 4	7900	2/1	3.52	3.02b	- -	8.80*	- -
Chalk Creek #3	7500	1/27	2.11*	1.82b	12.87	8.37b	154
Farmington Guard Sta.	7500	1/29	6.76	4.69	- -	17.04	- -
Farmington Rice	7000	1/29	6.20	4.38	- -	15.35	- -
Parley's Canyon Smt.	7500	1/28	1.50	3.94*	25.62	11.64*	220
Silver Lake (Brighton) x	8725	1/31	4.49	5.09	22.56	16.56	136
Smith & Morehouse	7600	1/28	4.21	3.19b	16.62	9.79	170
Trial Lake x	9800	1/29	6.85	4.47b	25.38	12.89*	197
Chalk Creek #1 4	9100	2/1	6.36	- -	- -	- -	- -
Sargent Lake 4	8400	2/1	3.43	- -	- -	- -	- -
Horse Ridge	8260	- -	- -	- -	- -	- -	- -
Lost Creek	6125	- -	- -	- -	- -	- -	- -

FOOTNOTES - See last page

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS



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NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		PROVO RIVER & UTAH LAKE				
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18P	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	5	1S	3E	7,500
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY WATERSHEDS

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
					Water Content (inches)	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +
UTAH LAKE						
Beaver Creek R. S. x	7500	1/29	27	7.3	5.5	5.2b
Camp Altamont	7300	1/29	24	8.8	8.0	9.7
Clear Creek Ridge #2	8000	1/28	35	11.2	8.3	7.9b
Clear Creek Ridge #3	6600	1/28	25	6.0	5.0	4.7b
Daniels-Strawberry Smt.	8000	1/28	34	12.2	6.9	8.9
East Portal	7560	1/30	23	8.7	7.3	6.1
Payson R. S.	8050	1/27	32	12.2	13.5	9.7b
Rock Bridge	6750	1/27	25	9.0	7.6	6.8b
Soapstone R. S.	7800	1/29	38	10.3	8.8	7.7b
South Fork R. S.	6100	1/29	7	2.2	2.8	4.7
Strawberry Divide	8000	1/30	44	16.4	13.6	10.6
Timpanogos Cave Camp	5500	1/29	5	1.3	0.3	1.8
Timpanogos Divide	8140	1/29	44	16.5	11.4	15.4
Trial Lake	9800	1/29	76	26.8	16.0	14.8b
Clear Creek Ridge #1	9200	1/28	40	13.5	- -	- -
JORDAN RIVER						
Lamb's Canyon	6600	1/29	38	13.8	12.9	8.6
Middle Canyon x	7000	1/29	27	10.1	8.0	6.8b
Mill D. South Fork	7400	1/29	42	16.4	15.0	11.3
Parley's Canyon Summit	7500	1/28	44	15.7	14.2	10.5
Silver Lake	8725	1/29	50	22.0	16.8	14.7

FOONOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
UTAH LAKE							
Clear Creek Ridge #2	8000	1/28	--	2.62b	14.54	8.97*	162
Daniels-Strawberry Smt.	8000	1/28	3.01	2.90b	15.84	10.95b	145
East Portal	7800	1/30	2.35	3.37	13.64	10.41*	131
Payson R. S.	8050	1/27	1.00	3.84b	13.40	10.01b	134
Soapstone R. S.	7800	1/29	4.49	2.71b	15.55	9.42*	165
Timpanogos Divide	8200	1/29	2.50	3.94	--	15.95	--
Trial Lake	9800	1/29	6.85	4.47b	25.38	12.89*	197
JORDAN RIVER & TOOELE VALLEY							
Lambs Canyon #2	7400	1/29	0.04	- -	--	- -	--
Middle Canyon	7000	1/29	--	3.32b	--	9.55*	--
Mt. Dell Dam	5500	1/31	1.53	2.02	12.75	7.50	170
Parley's Canyon Smt.	7500	1/28	1.50	3.94*	25.62	11.64*	220
Silver Lake (Brighton)	8725	1/31	4.49	5.09	22.56	16.56	136

FOOTNOTES - See last page

UINTAH BASIN & DAGGETT S. C. D's.

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker with Snow Course
- Aerial Marker without Snow Course
- Soil Moisture Station with Snow Course
- Soil Moisture Station without Snow Course
- SCS Precipitation Gage with Snow Course
- SCS Precipitation Gage without Snow Course
- WB Precipitation Gage with Snow Course
- WB Precipitation Gage without Snow Course
- Temperature Gage
- Snow Sensor with Snow Course
- Snow Sensor without Snow Course
- Radio Telemetry
- Radio Base Station
- Radio Relay Station

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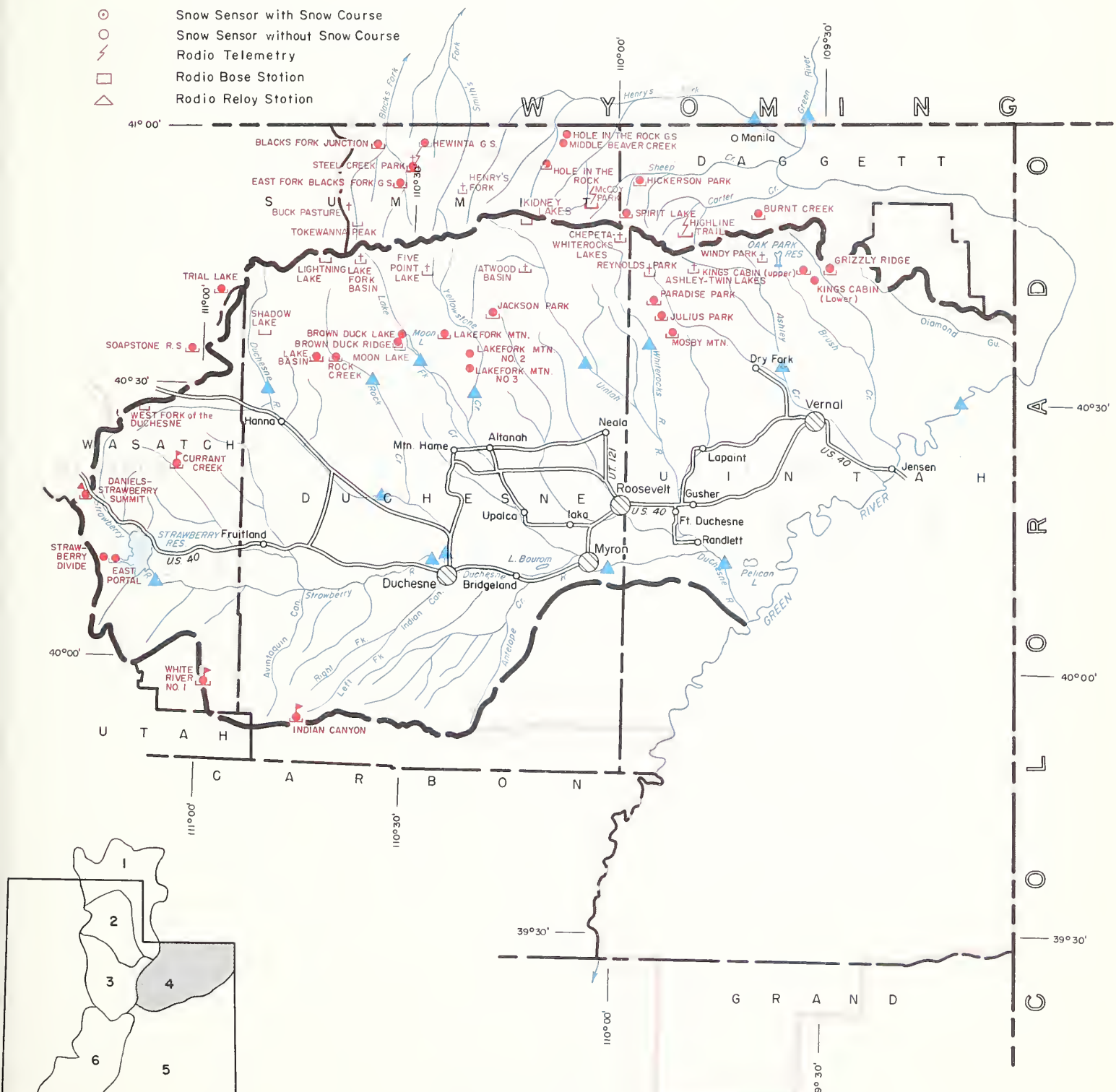
SCALE IN MILES



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20p	U	Steel Creek Park	17	2N	13E	9,900
10J31P	U	Tokewanna Peak	23	1N	11E	9,800
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J27ap	U	Atwood Basin	21	1S	15E	10,250
10J9P	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzley Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
10J29p	U	Lightning Lake	24	4N	8W	10,950
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	28	3N	8W	10,150
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

UINTAH BASIN & DAGGETT SCD's

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average +
UINTAH BASIN SCD						
Daniels-Strawberry Smt. x	8000	1/28	34	12.2	6.9	8.9
East Portal x	7560	1/30	23	8.7	7.3	6.1
Indian Canyon	9100	1/26	29	8.1	5.6	7.3
Julius Park	9800	1/28	37	10.8	7.0	7.4b
Lakefork Mountain	10200	1/28	33	8.7	5.9	6.8
Lakefork Mountain #2	8900	1/28	23	5.9	2.5	5.0
Lakefork Mountain #3	8100	1/28	23	5.8	2.1	4.2
Mosby Mountain	9500	1/28	29	7.9	4.6	6.4b
Paradise Park	10100	1/28	34	11.1	5.8	7.8b
Soapstone R. S. x	7800	1/29	38	10.3	8.8	7.7b
Strawberry Divide x	8000	1/30	44	16.4	13.6	10.6
Trial Lake x	9800	1/29	76	26.8	16.0	14.8b
Burnt Creek	7900	1/29	22	6.5	- -	- -
Grizzly Ridge	8500	1/29	32	9.3	- -	- -
UINTAH BASIN - Aerial Markers						
Ashley Twin Lakes A	10500		No Flow		--	--
Atwood Basin A	10250				--	--
Buck Pasture A	9700				--	--
Chepeta-Whiterocks Lakes	10300				--	--
Five Point Lake A	11000				--	--
Henry's Fork A	10000				--	--
Lakefork Basin A	11100				--	--
Reynolds Park A	10400				--	--
Windy Park A	9400				--	--
Steel Creek Park A	9900				--	--

FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
DAGGETT SCD							
Burnt Creek	7900	1/29	3.06	- -	7.78	- -	
UINTAH BASIN SCD							
Daniels-Strawberry Smt x	8000	1/28	3.01	2.90b	15.84	10.95b	145
East Portal Ridge x	7800	1/30	2.35	3.37	13.64	10.41*	131
Grizzly Ridge	8500	1/29	2.64	- -	10.58	- -	- -
Indian Canyon	9100	1/26	1.62	1.53b	9.00	9.21b	98
Julius Park	9800	1/28	1.98	1.76*	8.57	7.62*	112
Lakefork Mountain	10500	1/28	2.90	2.24b	9.39	6.94b	135
Moon Lake	8150	1/31	1.60	1.16	5.80	7.49	77
Mosby Mountain	9500	1/28	1.60	- -	7.43	- -	- -
Paradise Park	10100	1/28	2.39	1.92*	10.02	8.38*	120
Soapstone R. S.	7800	1/29	4.49	2.71b	15.55	9.42*	165
Trial Lake x	9800	1/29	6.85	4.47b	25.38	12.89*	197

FOOTNOTES - See last page

CARBON, EMERY, WAYNE, GRAND & SAN JUAN COUNTIES

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average †
PRICE RIVER						
Clear Creek Ridge #2 x	8000	1/28	35	11.2	8.0	7.9b
Dry Valley Divide	7800	1/28	28	8.8	6.0	6.0
Gooseberry Reservoir	8700	1/27	36	13.9	12.8	10.2
Indian Canyon	9100	1/26	29	8.1	5.6	7.3
Jones Ranch	7600	1/28	12	3.8	3.4	3.9
Mammoth R. S. - Ctnwd. Crk.	8800	1/27	39	15.8	13.7	11.0b
Mud Creek #2	8300	1/28	33	10.6	9.8	7.1*
SAN RAFAEL RIVER						
Buck Flat	9400	1/28	37	12.4	13.1	8.9b
G.B.R.C. Meadows x	10000	1/29	52	20.0	17.0	13.2b
Gooseberry Reservoir x	8700	1/27	36	13.9	12.8	10.2
Red Pine Ridge	9400	1/29	33	10.8	14.2	9.6b
Rush Pond	9800	1/28	33	9.6	9.1	8.2b
Upper Joe's Valley	8900	1/29	19	5.4	8.8	5.4b
Wrigley Creek	9000	1/28	27	6.9	6.4	6.4b
Orange Olsen	7300	1/29	0	0.0	- -	- -
FREMONT RIVER						
Farnsworth Lake x	9900	1/28	42	15.5	15.7	9.4b

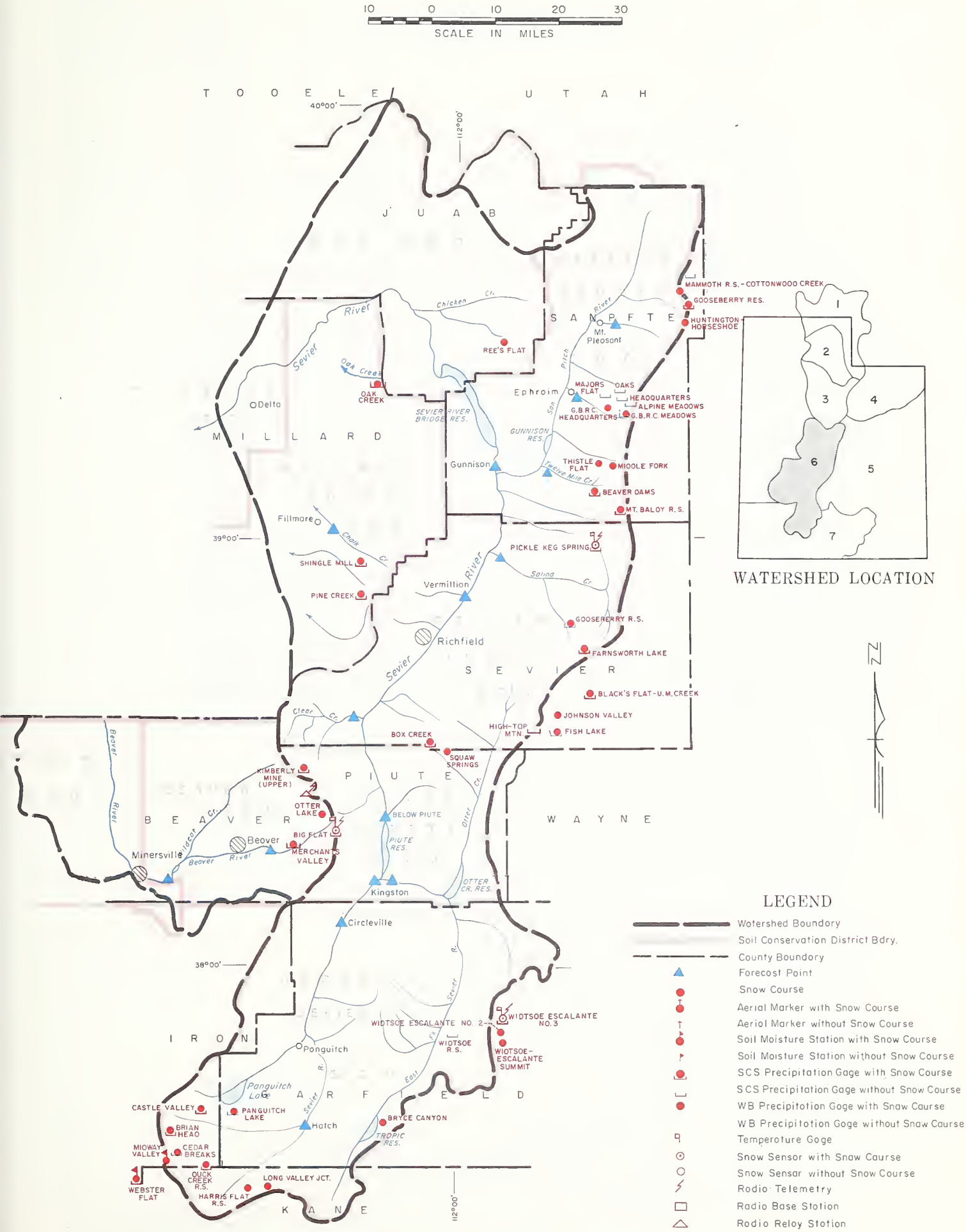
FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
PRICE RIVER							
Clear Creek Ridge #2 x	8000	1/28	--	2.62b	14.54	8.97*	162
Gooseberry Reservoir	8700	1/27	2.03	3.39b	14.14	10.44*	135
Indian Canyon	9100	1/26	1.62	1.53b	9.00	9.21b	98
Mammoth R. S. #2	8600	1/27	1.80	3.05b	14.79	11.35*	130
Mud Creek	8300	1/28	1.65	2.42*	9.60	8.89*	108
SAN RAFAEL RIVER							
Buck Flat	9400	1/28	1.30	3.41b	13.95	9.05*	154
G.B.R.C. Meadows x	10000	1/29	2.30	4.37	18.30	12.04	152
Gooseberry Reservoir x	8700	1/27	2.03	3.39b	14.14	10.44*	135
Orange Olsen	7300	1/29	0.75	- -	5.35	- -	--
Red Pine Ridge	9400	1/29	1.90	4.65b	15.60	10.50*	148
FREMONT RIVER							
Farnsworth Lake x	9900	1/28	1.34	3.75b	8.94	9.77b	92

FOOTNOTES - See last page

SEVIER RIVER BASIN including BEAVER RIVER



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L7PT	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
11L3P	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
11L9P	U	High-Top Mountain.	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit x	22	34S	1W	9,500
11M2PT	U	Widtsoe-Escalante #2 x	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3 x	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2P	U	Gooseberry R.S.	22	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
11K39PT	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L7PT	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

SEVIER RIVER BASIN INCLUDING BEAVER RIVER

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	PAST RECORD Water Content (inches) Last Year	Average †
UPPER SEVIER RIVER (South of Richfield, Utah)						
Big Flat x	10290	1/27	39	12.6	12.5	9.6b
Bryce Canyon	8000	1/29	13	3.2	0.2	2.6
Duck Creek R. S.	8700	1/28	28	9.6	2.3	7.6b
Harris Flat R. S.	7700	1/28	24	7.9	0.1	4.7b
Kimberly Mine	9300	1/28	32	9.8	10.2	8.7b
Long Valley Jct. x	7500	1/28	11	4.3	0.0	2.2b
Midway Valley	9800	1/28	42	14.2	6.0	12.2b
Widtsoe-Escalante Smt.	9500	1/27	10	3.7	1.5	4.0
Widtsoe-Escalante #2	9500	1/27	19	4.8	3.2	5.2
Widtsoe-Escalante #3	9500	1/27	23	6.1	4.8	6.0b
Farview	8200	1/28	22	6.3	- -	- -
LOWER SEVIER RIVER (Including San Pitch River)						
Farnsworth Lake	9900	1/28	42	15.5	15.7	9.4b
G.B.R.C. Headquarters	8700	1/29	34	11.6	10.6	8.3b
G.B.R.C. Meadows	10000	1/29	52	20.0	17.0	13.2b
Gooseberry R. S.	8400	1/28	24	7.9	8.8	6.2b
Gooseberry Reservoir x	8700	1/27	36	13.9	12.8	10.2
Mammoth R. S. - Ctnwood Crk.	8800	1/27	39	15.8	13.7	11.0b
Shingle Mill	6200	1/29	19	5.9	5.4	3.9b
Pickle Keg Springs	9600	1/25	32	11.2	- -	- -
BEAVER RIVER						
Big Flat	10290	1/27	39	12.6	12.5	9.6b
Merchant Valley	8200	1/27	18	6.4	5.1	4.9
Otter Lake	9300	1/27	34	11.1	10.4	7.5b

FOOTNOTES - See last page

PRECIPITATION (Inches)

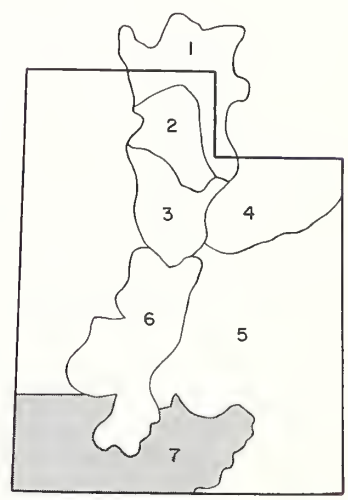
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
SEVIER RIVER							
Big Flat x	10290	1/27	0.60	3.63b	- -	8.23*	- -
Duck Creek R. S.	8560	1/28	0.65	3.27b	10.05	10.18*	99
Farnsworth Lake	9900	1/28	1.34	3.75b	8.94	9.77b	92
G.B.R.C. Headquarters	8700	1/29	1.65	3.66	13.85	10.11	137
G.B.R.C. Meadows	10000	1/29	2.30	4.37	18.30	12.04	152
G.B.R.C. Oaks	7655	1/29	1.21	2.61	8.28	6.91	120
Gooseberry R. S.	7800	1/28	1.34	2.87b	- -	6.69*	- -
Gooseberry Reservoir x	8700	1/27	2.03	3.39b	14.14	10.44*	135
Kimberly Mine	9100	1/28	1.08	3.24*	12.83	9.84*	130
Mammoth R. S. #2 x	8600	1/27	1.80	3.05b	14.79	11.35*	130
Shingle Mill	6200	1/29	1.03	2.98*	10.95	7.60*	144
Webster Flat x	9200	1/28	1.00	3.53*	11.70	11.29*	104
Widtsoe-Escalante #3	9500	1/27	0.48	2.30b	6.59	7.65b	86
Widtsoe R. S.	7600	1/27	0.26	0.68	- -	3.10	--
BEAVER RIVER							
Beaver Canyon P. H.	7275	- -	- -	- -	- -	- -	- -
Merchant Valley	8650	1/27	0.35	- -	- -	- -	- -

FOOTNOTES - See last page

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Marker with Snow Course
- Aerial Marker without Snow Course
- Soil Moisture Station with Snow Course
- Soil Moisture Station without Snow Course
- SCS Precipitation Gage with Snow Course
- SCS Precipitation Gage without Snow Course
- WB Precipitation Gage with Snow Course
- WB Precipitation Gage without Snow Course
- Temperature Gage
- Snow Sensor with Snow Course
- Snow Sensor without Snow Course
- Radio Telemetry
- Radio Base Station
- Radio Relay Station



WATERSHED LOCATION

INDEX

LEGEND

Numbering system (example)

10J7	Snow Course Only
10J7m	Soil Moisture Station Only
10J7a	Aerial Marker Only
10J7p	Precipitation Gage Only
10J7s	Snow Sensor Only
10J7T	Temperature Gage Only
10J7A	Snow Course and Aerial Marker
10J7M	Snow Course and Soil Moisture Station
10J7P	Snow Course and Precipitation Gage
10J7MA	Snow Course and Soil Moisture Station and Aerial Marker
10J7MP	Snow Course and Soil Moisture Station and Precipitation Gage
10J7S	Snow Course and Snow Sensor
x	Adjacent Drainage
*	Radio Telemetry

EAST GARFIELD, KANE, WASHINGTON & IRON CO.

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	Elevation	THIS YEAR: Date of Survey	THIS YEAR: Snow Depth (Inches)	THIS YEAR: Water Content (Inches)	PAST RECORD: Water Content (inches) Last Year	PAST RECORD: Water Content (inches) Average +
ESCALANTE RIVER						
Widtsoe-Escalante Smt.	9500	1/27	10	3.7	1.5	4.0
Widtsoe-Escalante #2	9500	1/27	19	4.8	3.2	5.2
Widtsoe-Escalante #3	9500	1/27	23	6.1	4.8	6.0b
PARIA RIVER						
Bryce Canyon x	8000	1/29	13	3.2	0.2	2.6
VIRGIN RIVER & COAL CREEK						
CSU Ranch	8200	1/28	16	6.2	1.1	--
Duck Creek R. S. x	8700	1/28	28	9.6	2.3	7.6b
Harris Flat x	7700	1/28	24	7.9	0.1	4.7b
Long Valley Junction	7500	1/28	11	4.3	0.0	2.2b
Midway Valley x	9800	1/28	42	14.2	6.0	12.2b
Urie Flat	8450	1/28	14	5.4	2.8	4.1b
Webster Flat	9200	1/28	32	11.3	4.8	8.9
PAROWAN CREEK						
Birch Crossing	8100	1/28	10	3.3	3.6	--
Brian Head	10000	1/28	39	12.3	10.1	--
Tall Poles	8800	1/28	28	8.4	6.2	--

FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
ESCALANTE RIVER							
Widtsoe-Escalante	9500	1/27	0.48	2.30b	6.59	7.65b	86
VIRGIN RIVER							
Duck Creek R. S.	8560	1/28	0.65	3.27b	10.05	10.18*	99
Webster Flat	9200	1/28	1.00	3.53*	11.70	11.29*	104
COAL CREEK							
Webster Flat x	9200	1/28	1.00	3.53*	11.70	11.29*	104
PAROWAN CREEK							
Tall Poles	8800	1/28	0.65	- -	8.13	- -	- -

FOOTNOTES - See last page

FOOTNOTES

1. Data supplied by U. S. Forest Service
2. Data supplied by U. S. Weather Bureau
3. Data supplied by U. S. Geological Survey, Bureau of Reclamation and River Commissioners
4. Data obtained by radio - USU-SCS Cooperative Sites

\+ 1953-67 - 15-year average period
b Average of all past record - less than 15 years
c Taken at Compromise point

A Aerial observation - water content estimated
x Adjacent drainage
* Partly estimated

The following footnotes apply only to Streamflow Forecast pages.

(1) Includes UP&L Co. tailrace and Logan, Hyde Park & Smithfield Canal.
(2) Observed flow plus change in storage in East Canyon Reservoir.
(3) Inflow record as computed by U. S. Bureau of Reclamation.
(4) Observed flow Weber River near Wanship, Utah, plus change in storage in Rockport Reservoir, plus diversion by Weber-Provo Canal.
(5) Includes diversion by Weber-Provo Canal and change in storage in Rockport Reservoir.
(6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(7) Observed flow plus change in storage in Deer Creek Reservoir, minus diversions thru Duchesne tunnel and Weber-Provo Canal.
(8) Change in storage plus diversion thru Strawberry tunnel.
(9) Observed flow plus change in storage in Otter Creek Reservoir.
(10) Gage is below diversions near Salina
(11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs.
(12) Observed flow at Rockyford Dam, corrected for change in storage in Minersville Reservoir.
(13) Observed flow plus diversion through Duchesne Tunnel.
(14) Observed flow plus change in storage in Moon Lake Reservoir.
(15) Observed flow plus change in storage reservoir.
(16) Corrections made for Strawberry, Moon Lake, Starvation Reservoir, Strawberry and Duchesne Tunnels.

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modity these forecasts. The discharge data is taken from preliminary records of the U. S. Geological Survey.

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- Weather Bureau

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

STATE AGENCIES

Utah State University

Utah Fish and Game Department

Utah State Department of Natural Resources, Division of Water Rights
- Bear River Commissioner
- Price River Commissioner
- Provo River Commissioner
- Sevier River Commissioners
- Spanish Fork River Commissioner
- Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti

Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association

Board of Canal Presidents - Jordan River

Emery Canal and Reservoir Company

Moon Lake Water Users Association

Ogden River Water Users Association

Provo River Water Users Association

Strawberry Water Users Association

Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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